

Under the Paperwork Reduction Act,

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number

09/851,856

Filing Date

May 9, 2001

First Named Inventor

Robert Mays Jr.

Group Art Unit

2633

Examiner Name

Curs, Nathan M.

Attorney Docket Number

MYS-01-02|09

U.S. PATENT DOCUMENTS

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act
Substitute for form 1449B/PTO

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

Complete if Known

| | |
|-------------------------------|-----------------|
| Application Number | 09/851,856 |
| Filing Date | 08/25/2000 |
| First Named Inventor | Robert Mays Jr. |
| Group Art Unit | 2633 |
| Examiner Name | Curs, Nathan M. |
| Attorney Docket Number | MYS—01-0219 |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

9/3/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

Substitute for form 1449A/PTO

APR 22 2004

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

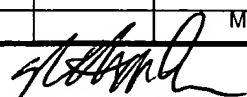
of

3

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 09/851,856 |
| Filing Date | May 9, 2001 |
| First Named Inventor | Robert Mays Jr. |
| Group Art Unit | 2633 |
| Examiner Name | Curs, Nathan M. |
| Attorney Docket Number | MYS-01-02109 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|---|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| MC | B1 | 3,610,926 | | Kastner et al. | 10-05-1971 | |
| MC | B2 | 3,751,132 | | Croh | 08-07-1973 | |
| MC | B3 | 3,785,736 | | Spitz et al. | 01-15-1974 | |
| MC | B4 | 4,807,978 | | Grinberg et al. | 02-28-1989 | |
| MC | B5 | 4,897,541 | | Phillips | 01-30-1990 | |
| MC | B6 | 4,991,150 | | Wixom | 02-05-1991 | |
| MC | B7 | 5,008,890 | | McFarlane | 04-16-1991 | |
| MC | B8 | 5,245,623 | | McFarlane | 09-14-1993 | |
| MC | B9 | 5,325,386 | | Jewell et al. | 06-28-1994 | |
| MC | B10 | 5,369,415 | | Richard et al. | 11-29-1994 | |
| MC | B11 | 5,399,315 | | Paz-Pujalt et al. | 03-21-1995 | |
| MC | B12 | 5,411,709 | | Furuki et al. | 05-02-1995 | |
| MC | B13 | 5,446,334 | | Gaffney | 08-29-1995 | |
| MC | B14 | 5,446,572 | | Husbands et al. | 08-29-1995 | |
| MC | B15 | 5,467,104 | | Furness, III et al. | 11-14-1995 | |
| MC | B16 | 5,521,913 | | Gridley | 05-28-1996 | |
| MC | B17 | 5,596,339 | | Furness, III et al. | 01-21-1997 | |
| MC | B18 | 5,602,679 | | Dolgoft et al. | 02-11-1997 | |
| MC | B19 | 5,622,868 | | Clarke et al. | 04-22-1997 | |
| MC | B20 | 5,659,327 | | Furness, III et al. | 08-19-1997 | |
| MC | B21 | 5,793,919 | | Payne et al. | 08-11-1998 | |
| MC | B22 | 5,822,091 | | Baker | 10-13-1998 | |
| MC | B23 | 5,886,822 | | Spitzer | 03-23-1999 | |
| MC | B24 | 5,915,097 | | Chao | 06-22-1999 | |
| MC | B25 | 5,943,149 | | Cearns et al. | 08-24-1999 | |
| MC | B26 | 6,008,781 | | Furness, III et al. | 12-28-1999 | |
| MC | B27 | 6,055,099 | | Webb | 04-25-2000 | |
| MC | B28 | 6,079,252 | | Tabler et al. | 06-27-2000 | |
| MC | B29 | 6,081,430 | | La Rue | 06-27-2000 | |
| MC | B30 | 6,083,767 | | Tjaden et al. | 07-04-2000 | |
| MC | B31 | 6,144,472 | | Knox | 11-07-2000 | |
| MC | B32 | 6,151,144 | | Knox | 11-21-2000 | |
| MC | B33 | 6,185,215 | | Aho | 02-06-2001 | |
| MC | B34 | 6,246,680 | | Muller et al. | 06-12-2001 | |
| Examiner Signature |  | | | | Date Considered | 9/3/04 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act:

95, no persons are required to respond to a collection of information unless it displays a certain identifying number.

Information may not be disclosed unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

3

Application Number

09/851,856

Filing Date

May 9, 2001

First Named Inventor

Robert Mays Jr.

Group Art Unit

2633

Examiner Name

Curs, Nathan M.

Attorney Docket Number

MYS-01-02109

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

| | |
|------------|--|
| Date | |
| Considered | |

9/3/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | | |
|---|---|----------------------|---|--------------------------|--|--------------|
| Substitute for form 1449B/PTO | | APR 22 2004 | | Complete if Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | | 09/851,856 | | |
| | | Filing Date | | May 9, 2001 | | |
| | | First Named Inventor | | Robert Mays Jr. | | |
| | | Group Art Unit | | 2633 | | |
| | | Examiner Name | | Curs, Nathan M. | | |
| Sheet | 3 | of | 3 | Attorney Docket Number | | MYS-01-02109 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|----------|---|----------------|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| MC | B39 | Hariharan, P. <i>Optical Holography: Principles, Techniques and Applications</i> . Cambridge: Cambridge University Press, 2 nd Edition, pp. 213-223, 1996. | |
| MC | B40 | Stewart, James E. <i>Optical Principles and Technology for Engineers</i> . New York: Marcel Dekkar, pp. 45-51 and 79-81, 1996. | |
| MC | B41 | Mays, Robert Jr. "Network Switch Employing Free-Space Optical Switching Technique," U.S. Patent Application Publication 2002/0191598. Published on December 19, 2002. | |
| MC | B42 | Mays, Robert Jr. "Computer Backplane Employing Free-Space Optical Interconnect," U.S. Patent Application Publication 2002/0089709. Published on July 11, 2002. | |
| MC | B43 | Mays, Robert Jr. "Network Routing Employing Free-Space Optical Broadcasting," U.S. Patent Application Publication 2002/0191254. Published on December 19, 2002. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

RECEIVED

APR 27 2004

Technology Center 2600

| | | | |
|--------------------|--|-----------------|--------|
| Examiner Signature | | Date Considered | 9/3/04 |
|--------------------|--|-----------------|--------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

→ $+$

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PER
ms

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.